



COMPASS™ SOFTWARE

Part of Alerton's BACTalk™ Ascent product line, Compass is a comprehensive, powerfully designed product that replaces Alerton Building Suite and Envision for BACTalk as the operator workstation of the future.

Use of informative display layers with an improved tree-style navigation structure provides intuitive and guided browsing sessions. User-specific and group-specific navigation enforces access privileges and streamlines the user experience.

Graphical controls bring data to life. OmniGraphic images transform background images into interactive controls to visually communicate system status. Plus, with Alerton's OmniZoon, graphics automatically adjust to monitor display size for better visibility and system management.

Compass provides a familiar user experience through a standard user interface, enabling you to get users quickly up to speed on the software and your building's systems. Plus, with improved localization features, multiple Web-UI users can connect to the same Compass System using their native language and comfortable numeric formats.

Build dynamic graphics faster and easier with Compass' updated isometric graphics library. This library also serves as a foundation for users to build their own libraries. Compass supports many graphic formats and sizes and easily converts Alerton legacy graphics (bitmaps) to HTML 5 format, enabling you to quickly integrate graphical content to the web without using Flash and third-party plug-ins.

Note: Compass with the SQL option supports the Alerton Engineering Services (AES) energy dashboard. An AES-built dashboard can help track energy usage and cost savings and can be customized for specific applications. For more information about AES services, email aes@alerton.com.

FEATURES AND HIGHLIGHTS

ALARM MANAGEMENT

- Powerful alarm management through interactive alarm table allowing for sorting, filtering, categorizing.

ENERGY MANAGEMENT

- Efficient equipment start times, sophisticated load optimization, and energy use monitoring that helps you track savings.

BROWSE-BASED USER INTERFACE

- Configurable, tree-style navigation
- Converts legacy displays and graphics to current standard file formats
- Summary display provides interactive data table on one screen
- Advanced reporting: Standard templates to provide PDF, Excel, CSV files that can also be emailed with enhanced security
- LDAP integration for managing user authentication

ENERGY

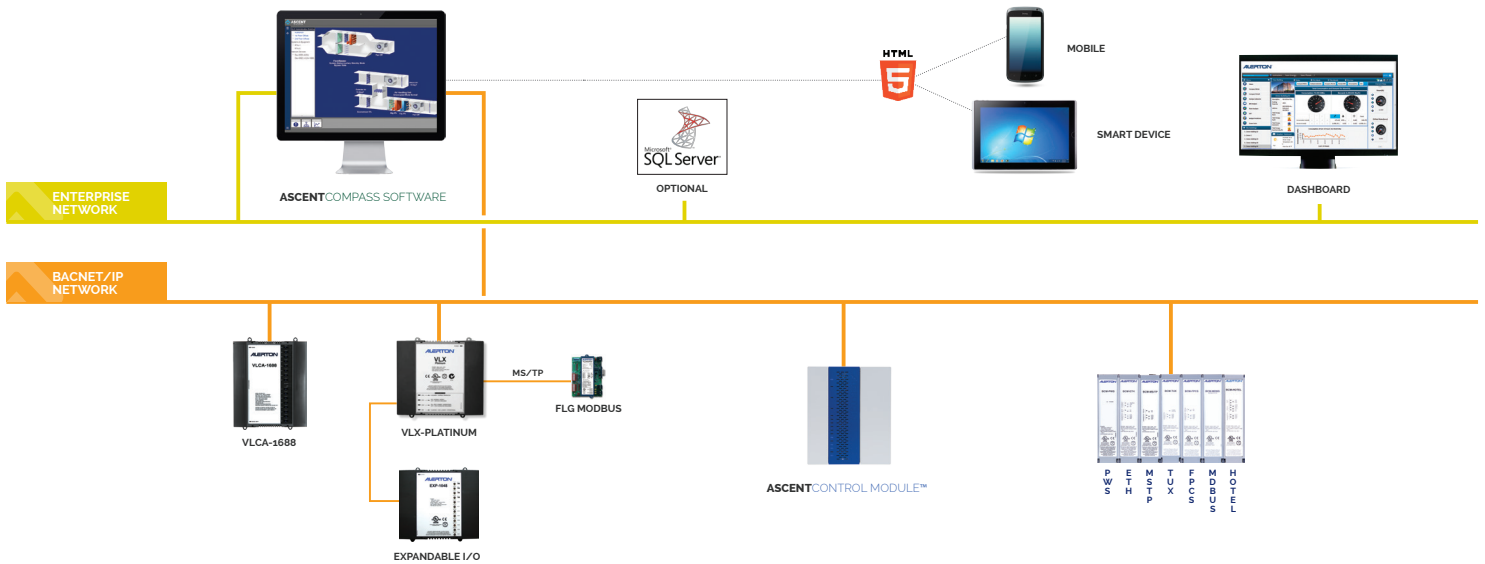
TRENDLOGS View trendlogs in graph or text format with multiple points per log. Archived in database format for compatibility with office applications.

ENERGY LOGS Hourly or daily energy use and demand displayed in text format. Archived in database format for compatibility with office applications.

DEMAND LIMITING Flexible demand metering supports various media. Shed and restore binary and analog loads according to load priority. Base strategies on time of day or season. View results in real time.

MANAGEMENT A wide range of building management tools are available, including:

- Display capability
- Scheduling
- Alarms
- Optimum start
- Tenant activity
- Zones
- Reporting and printing
- Auto archiving
- Job merge



TECHNICAL DATA

CONNECTIVITY

NETWORK BACnet Ethernet, Annex J BACnet/IP.

COMPUTER REQUIREMENTS

See the table below to determine minimum computer specifications for the primary Compass workstation. Additional memory is recommended for projects that have many concurrent users, displays, or templates.

For example, a project that has ten or more users and 100 or more displays and templates may need additional memory. For Compass client workstations, use a computer with a dual-core processor and at least 4GB RAM.

Compass Model	BACnet Devices	Operating System	CPU Cores	Memory
COMPASS-1-ENT	up to 3000*	64-bit Win7 Win10 Win Server 2012	Eight-core	16GB
COMPASS-1-XL	up to 1000		Quad-core	8GB
COMPASS-1-LG	up to 450		Quad-core	8GB
COMPASS-1-MD	up to 150		Dual-core	4GB
COMPASS-1-SM	up to 50		Dual-core	4GB

*NOTE: The number of supported devices in the Enterprise model can be extended in 1000 device increments by applying one or more device packs (COMPASS-1-ENTDP).

Specifications subject to change without notice.

ORDERING INFORMATION*

ITEM NUMBER

COMPASS-1-ENT	Enterprise license, up to 3000 devices + SQL support, Advanced Reporting
COMPASS-1-XL	Extra Large license, up to 1000 devices + SQL support
COMPASS-1-LG	Large license, up to 450 devices
COMPASS-1-MD	Medium license, up to 150 devices
COMPASS-1-SM	Small license, up to 50 devices
COMPASS-1-SQL	SQL support add-on for COMPASS-1-SM/MD/LG
COMPASS-1-ENTDP	Add-on for Enterprise license only (COMPASS-1-ENT) to support an additional 1,000 devices
COMPASS-1-ADVREP	Add-on for Advanced Reporting (requires SQL support)

***IMPORTANT!** Please see the Compass Installation and Upgrade Guide (LT-COMPASSIUG) for more information about Compass licensing, including part numbers for upgrading to Compass from EBT or ABS, Host IDs, and procedures for installing software license keys.

**FLEXIBLE,
POWERFUL
SOFTWARE FOR
BACNET-BASED
BUILDING
MANAGEMENT
SYSTEMS.**

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